# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 121 | ("5638158" "5892784" "6163669" "4422544" "4480689" "4575607" "4586100" "4620455" "4797765" "5237237" "5323593" "5459962" "5543596" "5559575" "5651309" "5742453" "5744238" "5886971" "5916056" "6001479" "6012563" "6136613" "6140916" "6158309" "3894671" "4106868" "4243435" "4247349" "4249346" "4258621" "4262536" "4263066" "4271716" "4276673" "4278302" "4280513" "4294142" "4298422" "4298403" "4299189" "4303294" "4308462" "4307480" "4308903" "4324014" "4324533" "4329886" "4330912" "4334436" "4335612").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 10:17 |
| S2 | 30 | ("20010052788"\|"20020047838"\|"5081687"\|"5432461"\|"5657139"\|"5774100"\|"5930607"\|"5936687"\|"6265889"\|"6281701"\|"6320568"\|"6337722"\|"6337772"\|"6340963"\|"6380729").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/31 17:39 |
| S3 | 10 | ("5923963" \| "6057814").PN. OR ("6340963").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/31 17:46 |
| S4 | 5 | ("20010030722" \| "5831709" \| "6049321" \| "6340963").PN. OR ("6924875").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/31 17:48 |
| S5 | 55 | ("3992663" \| "4242635" \| "4355278" \| "4368523" \| "4444801" \| "4463073" \| "4465969" \| "4507605" \| "4510222" \| "4523847" \| "4542333" \| "4563093" \| "4618819" \| "4631576" \| "4633242" \| "4636403" \| "4688900" \| "4727234" \| "4758092" \| "4776022" \| "4819038" \| "4825201" \| "4855591" \| "4862075" \| "4868492" \| "4875006" \| "4899105" \| "4906922" \| "4910458" \| "4944576" \| "4983911" \| "4999577" \| "5017755" \| "5037683" \| "5043297").PN. OR ("5432461").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/31 17:53 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S6 | 16653 | (opto$electronic near2 (device or apparatus or object)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/01 10:27 |
| S7 | 76 | driv$3 near4 (opto$electronic near2 (device or apparatus or object)).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/01 10:31 |
| S8 | 0 | S7 and 324/770.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/01 10:28 |
| S9 | 2 | ("5081687").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/01 10:32 |
| S10 | 2 | ("5936687").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/01 10:32 |
| S11 | 3 | ("6337772").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/01 10:38 |
| S12 | 51 | ((lcd or liquid or crystal) near3 display) same ((test$3 and normal) near8 operation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/01 10:41 |

# EAST Search History

| S13 | 0 | S12 and 324/770.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/01 10:41 |
|---|---|---|---|---|---|---|
| S14 | 371 | 324/770.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/01 10:41 |
| S15 | 0 | S14 and ((lcd or liquid or crystal) near3 display) same ((test$3 and normal) near8 operation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/01 10:41 |
| S16 | 121 | ("5638158" "5892784" "6163669" "4422544" "4480689" "4575607" "4586100" "4620455" "4797765" "5237237" "5323593" "5459962" "5543596" "5559575" "5651309" "5742453" "5744238" "5886971" "5916056" "6001479" "6012563" "6136613" "6140916" "6158309" "3894671" "4106868" "4243435" "4247349" "4249346" "4258621" "4262536" "4263066" "4271716" "4276673" "4278302" "4280513" "4294142" "4298422" "4298403" "4299189" "4303294" "4308462" "4307480" "4308903" "4324014" "4324533" "4329886" "4330912" "4334436" "4335612" ).pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/02 12:22 |
| S17 | 37965 | (lcd or ((liquid or crystal) near4 (display or panel))) same (electrode and (test$3 or driv$3 or contact$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ,OR | ON | 2006/11/02 12:26 |
| S18 | 29950 | (lcd or ((liquid or crystal) near4 (display or panel))) same (electrode same (test$3 or driv$3 or contact$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/02 12:27 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S19 | 0 | S18 and (picure near4 generation) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/02 12:27 |
| S20 | 4 | S18 and (picure and pattern) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/02 12:28 |
| S21 | 26 | S18 and (normal near4 operation) and (test near4 mode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/02 12:33 |
| S22 | 8 | (("4819038") or ("4843312") or ("4870357") or ("4899105")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/02 12:36 |
| S23 | 10 | (("4820222") or ("5019001") or ("5019002") or ("5068748") or ("5668032")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/02 12:36 |
| S24 | 60 | ("4820222" \| "5019001" \| "5019002" \| "5068748" \| "5123847" \| "5497146").PN. OR ("5668032"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 12:37 |
| S25 | 14 | ("4789889" \| "5182661" \| "5247375" \| "5250931" \| "5467210" \| "5483082" \| "5548425" \| "5576868" \| "5621556" \| "5668032" \| "5703668" \| "5784133" \| "5900646" \| "6515300").PN. OR ("7075108"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 12:45 |
| S26 | 14 | ("5189539" \| "5200847").PN. OR ("5576868").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 12:54 |

| S27 | 4 | ("5576868" \| "6323930" \| "6686987").PN. OR ("6864941"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 12:56 |
|-----|---|---|---|---|---|---|
| S28 | 7 | ("5670994" \| "5684555" \| "5748179" \| "6052171" \| "6133978").PN. OR ("6686987").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 13:13 |
| S29 | 25 | ("0653205" \| "20010002145" \| "5923119" \| "6043971" \| "6052171" \| "6198522" \| "6300997" \| "6356333" \| "6424400" \| "6456344" \| "6456353" \| "6519021" \| "6556268" \| "6587164" \| "6597416" \| "6621547" \| "6624868" \| "6646708" \| "6657606" \| "6665037" \| "6670706" \| "6686987" \| "6710838" \| "6738123").PN. OR ("6917104").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 13:51 |
| S30 | 10 | ("5668032" \| "5859679" \| "6014191" \| "6111621").PN. OR ("6392719"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 16:55 |
| S31 | 2 | ("6657648").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/02 16:55 |
| S32 | 7 | ("5081687" \| "5363122" \| "5440339" \| "5565897" \| "5570108" \| "6218201" \| "6348904").PN. OR ("6657648").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 16:55 |
| S33 | 32 | ("4175253" \| "4290013" \| "4342959" \| "4801869" \| "4819038" \| "4843312" \| "4894605" \| "4940934" \| "5057775" \| "5072175" \| "5113134" \| "5179345" \| "5377030").PN. OR ("5546013"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 17:01 |
| S34 | 20 | ("3731164" \| "4949139" \| "5136622" \| "5148058" \| "5166960" \| "5170155" \| "5175446" \| "5179345" \| "5222082" \| "5224102" \| "5410583" \| "5465053" \| "5506516" \| "5521728" \| "5539326" \| "5546013" \| "5576730" \| "5619223" \| "5654970" \| "6437596").PN. OR ("6940300").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 18:39 |

| S35 | 18 | ("5136622" \| "5148058" \| "5166960" \| "5175446" \| "5179345" \| "5222082" \| "5224102" \| "5410583" \| "5465053" \| "5506516" \| "5539326" \| "5546013" \| "5576730" \| "5619223" \| "5654970").PN. OR ("6437596").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 18:39 |
|---|---|---|---|---|---|---|
| S36 | 2 | ("5657139" \| "6437596").PN. OR ("6720791").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 18:43 |
| S37 | 43 | ("4857907" \| "4940934" \| "5057775" \| "5061920" \| "5095304" \| "5113134" \| "5179345" \| "5184082" \| "5233448" \| "5262720" \| "5323107" \| "5341012").PN. OR ("5576730").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 18:47 |
| S38 | 3 | ("5576730" \| "6525556" \| "6630840").PN. OR ("7023234"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 18:48 |
| S39 | 9 | ("5339093" \| "5453991" \| "5576730" \| "5774100" \| "5945984" \| "6100865" \| "6590624" \| "6624857").PN. OR ("6784862"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 19:01 |
| S40 | 6 | ("5576730" \| "5616936" \| "5754158").PN. OR ("6188453"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 19:06 |
| S41 | 9 | ("20020089614" \| "20030155943" \| "3590252" \| "5546013" \| "5751159" \| "6028442" \| "6534853").PN. OR ("6798232").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/02 19:17 |
| S42 | 372 | 324/770.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 10:28 |
| S43 | 577 | 324/770 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 13:41 |

# EAST Search History

| S44 | 16 | (("6337722") or ("5774100") or ("6380729") or ("6340963") or ("6265889") or ("5657139") or ("5930607") or ("6320568")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/11/03 10:29 |
|---|---|---|---|---|---|---|
| S45 | 10 | ("5923963" \| "6057814").PN. OR ("6340963").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 10:37 |
| S46 | 5 | ("20010030722" \| "5831709" \| "6049321" \| "6340963").PN. OR ("6924875").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 11:14 |
| S47 | 4 | ("20040189559" \| "5047713" \| "5740272" \| "6946307").PN. OR ("7123043").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 12:50 |
| S48 | 2 | ("5546013" \| "6466882").PN. OR ("7024338").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 13:05 |
| S49 | 10 | ("3569718" \| "4878086" \| "5301013" \| "5786704" \| "5801545" \| "5812271" \| "6089635" \| "6152755").PN. OR ("6353466").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 13:25 |
| S50 | 10 | ("4899105" \| "5374158" \| "5801545" \| "6152755" \| "6193576" \| "6246253" \| "6286202" \| "6353466").PN. OR ("6486927").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 13:25 |
| S51 | 372 | 324/770.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 13:41 |
| S52 | 577 | 324/770 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 13:41 |
| S53 | 235 | S52 not S51 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 13:41 |

# EAST Search History

| S54 | 5 | ("5444390" \| "6014035" \| "6518962" \| "6633135" \| "6762735").PN. OR ("7106283").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 14:04 |
|-----|---|---|---|---|---|---|
| S55 | 1 | ("6420884").PN. OR ("7084653"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 14:06 |
| S56 | 3 | ("20020140650" \| "6624857" \| "6750926").PN. OR ("6882397"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 14:24 |
| S57 | 49 | (drive near circuit) same ((normal near2 (mode or operational)) and (test near2 (mode or operational))) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 14:33 |
| S58 | 678 | (drive near circuit) and ((normal near2 (mode or operational)) and (test near2 (mode or operational))) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/11/03 14:33 |
| S59 | 694 | (drive near circuit) and ((normal near2 (mode or operational)) and (test near2 (mode or operational))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 14:34 |
| S60 | 365 | S59 and (pad or electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 14:34 |
| S61 | 0 | S60 and "349"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 14:34 |
| S62 | 13 | S60 and "345"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 14:37 |
| S63 | 84 | (pattern near3 generation) same ((normal and test) near8 (mode or operation$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/03 14:38 |

| S64 | 2 | S63 and (drive near electronic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/03 14:39 |
|-----|-----|-----|-----|-----|-----|-----|
| S65 | 1 | S63 and optoelectronic | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/03 14:39 |
| S66 | 3 | S63 and picture | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/03 14:39 |
| S67 | 4 | S63 and pixel | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/03 14:40 |
| S68 | 43 | S63 and terminal | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/03 14:40 |
| S69 | 2 | ("5432461").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/09 11:11 |
| S70 | 501 | optoelectronic same vacuum | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/09 11:11 |

# EAST Search History

| S71 | 9 | S70 and LCD and probe | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 11:12 |
|-----|---|------------------------|---------------------------------------------------------|-----|-----|-------------------|
| S72 | 1270587 | vacuum LCD and probe | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 11:12 |
| S73 | 1707 | vacuum and LCD and probe | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 11:14 |
| S74 | 26 | vacuum same LCD same probe | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 11:20 |
| S75 | 4 | vacuum same (liquid near display) same probe | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/09 11:20 |